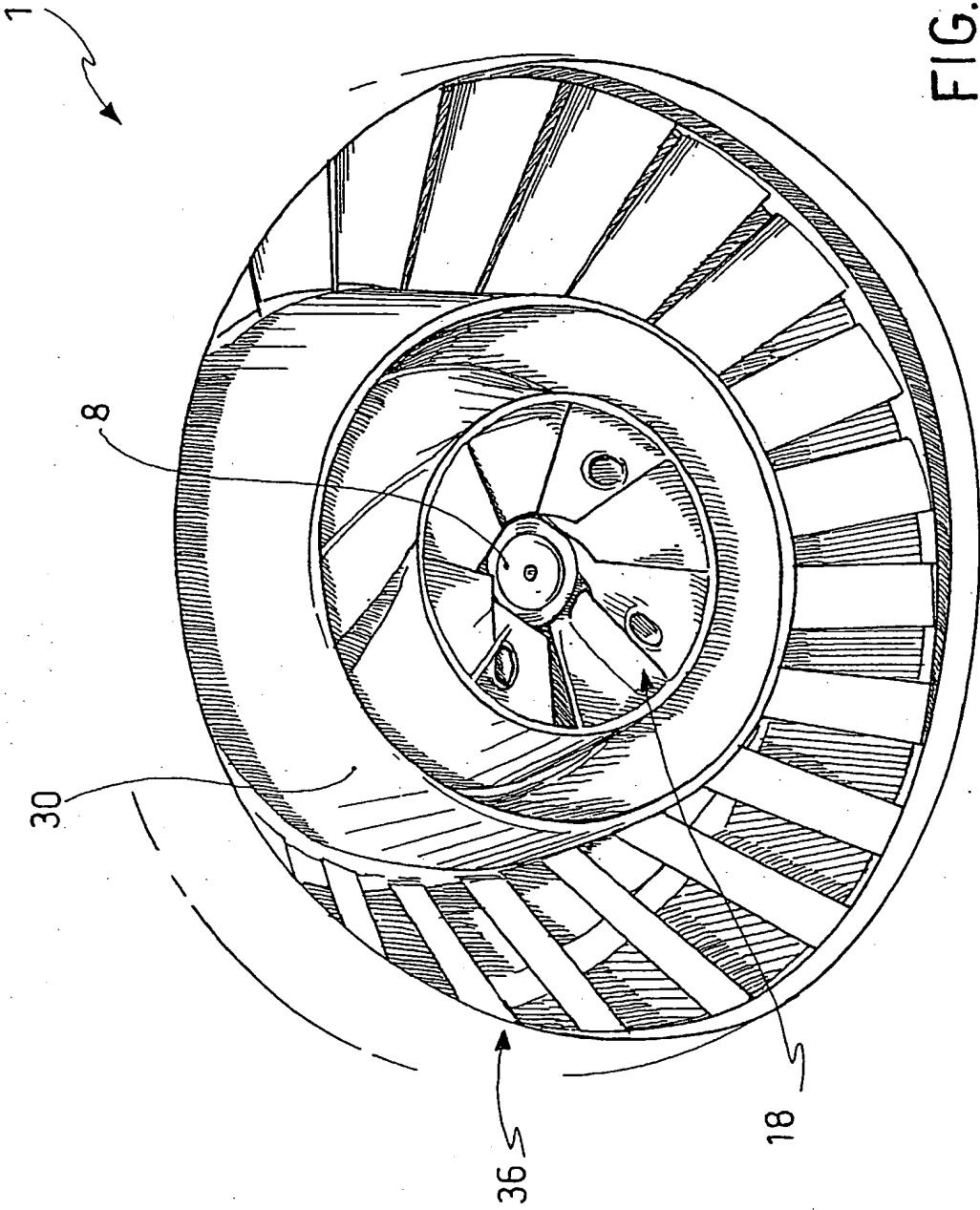


FIG. 1

FIG. 2



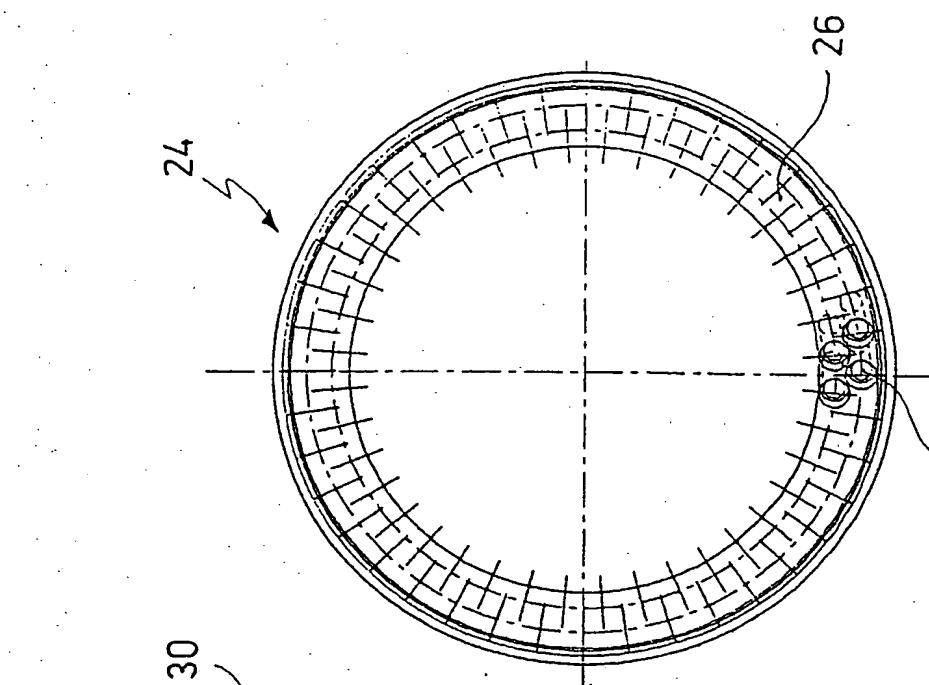


FIG. 3c

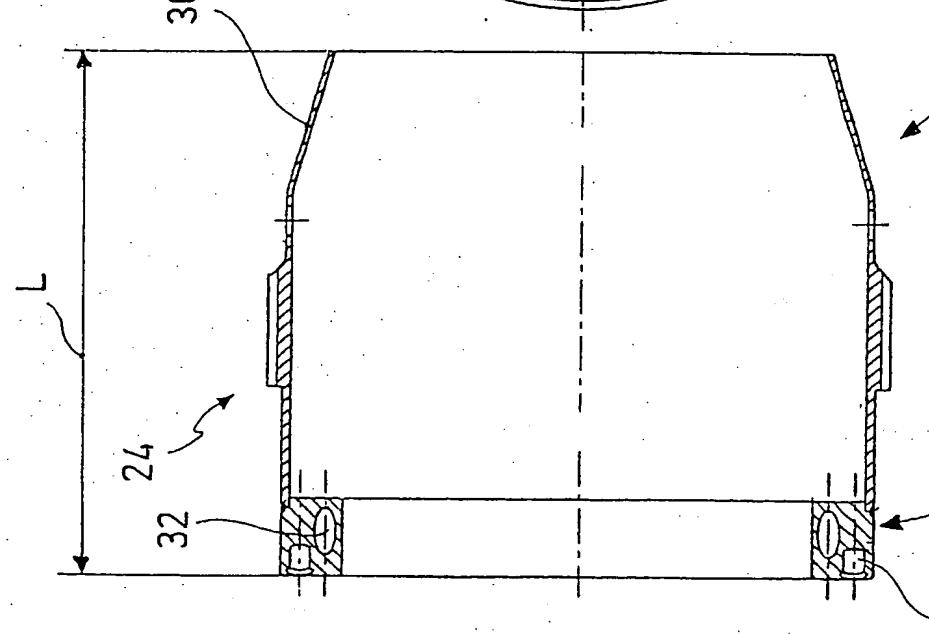


FIG. 3a

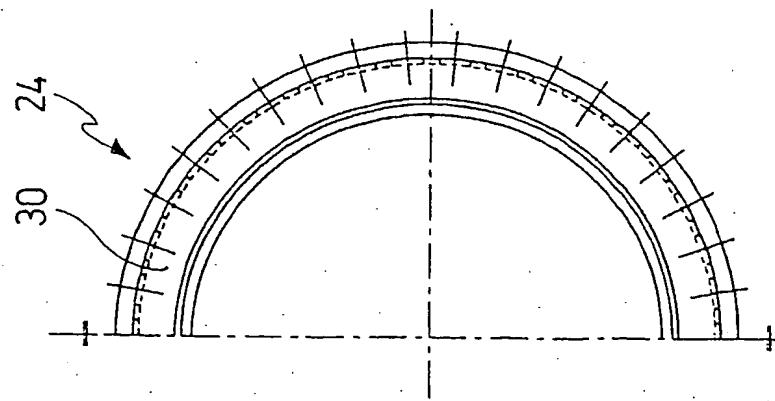


FIG. 3b

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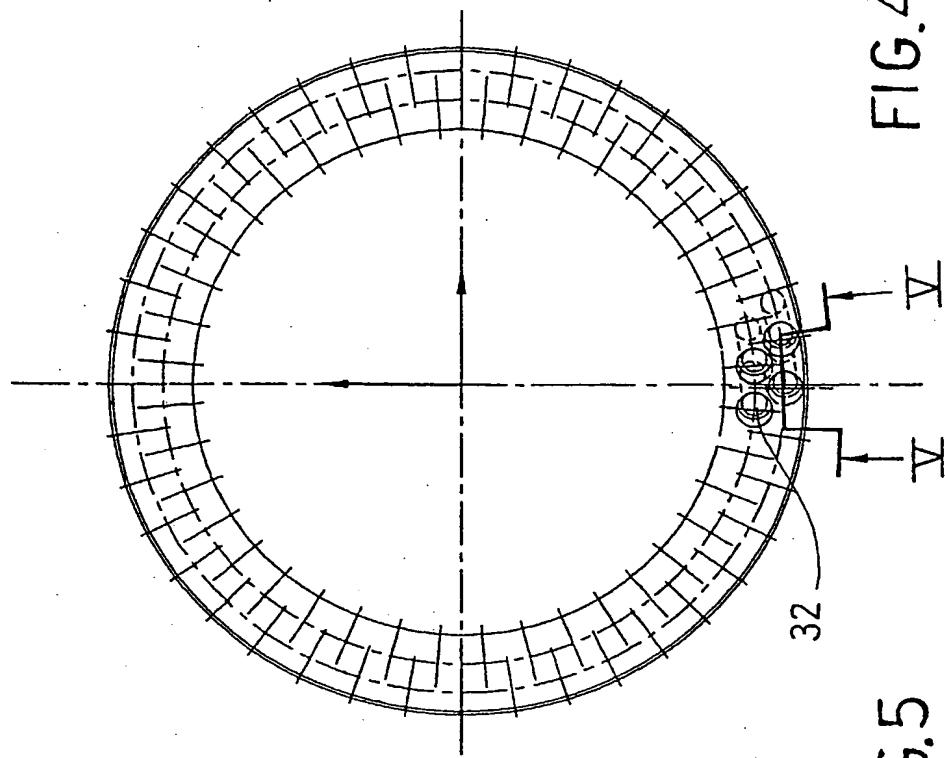


FIG. 4b

FIG. 5

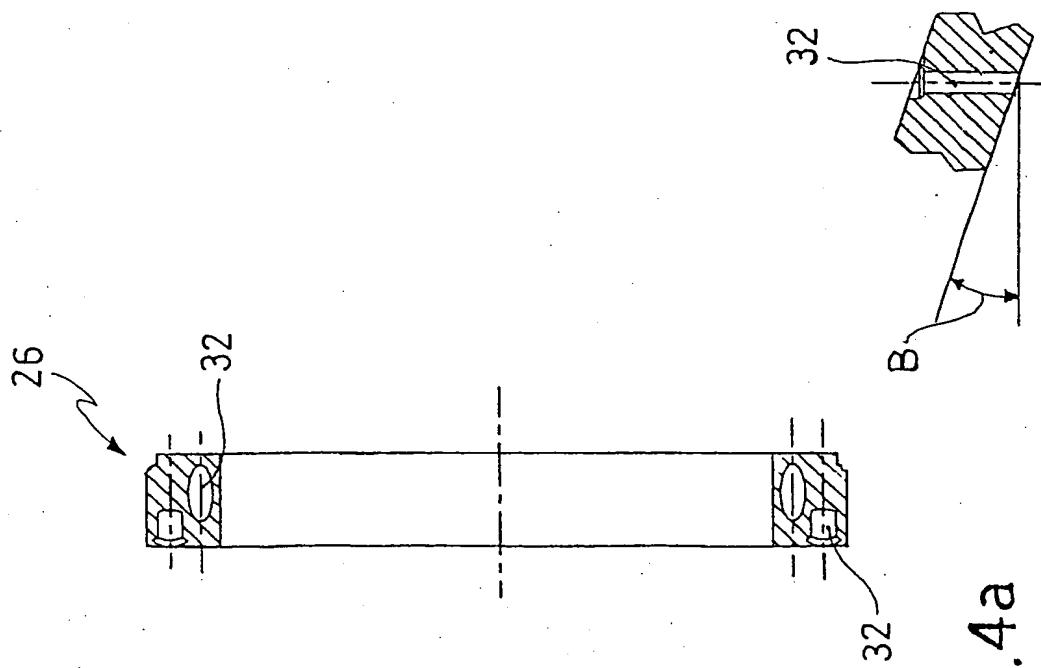


FIG. 4a

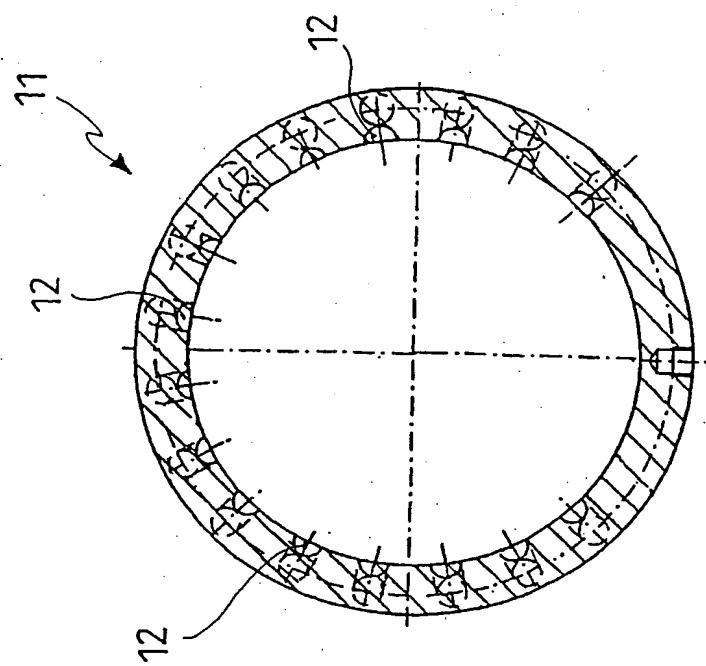


FIG. 6b

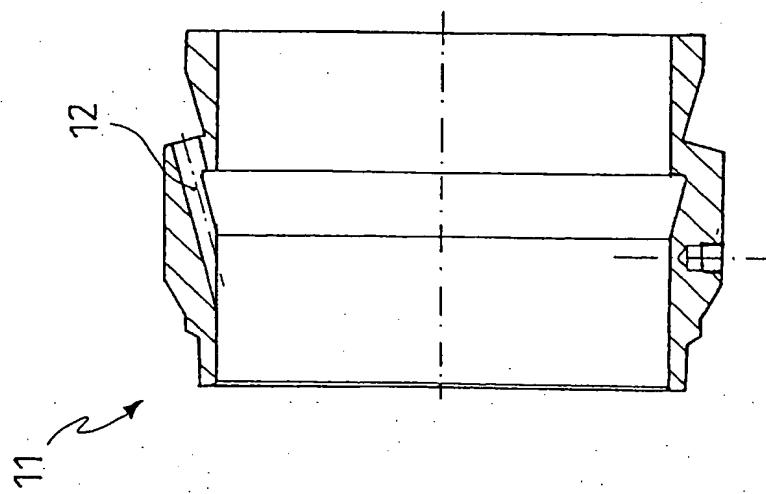


FIG. 6a

Lean gas	H ₂ [% vol]	CO [% vol]	H ₂ O [% vol]	N ₂ [% vol]	CO ₂ [% vol]	CH ₄ [% vol]	Flame velocity [m/s]	Lower heating value [MJ/kg]
A	27	33	35	2	3	-	1.60	8.60
B	9	16	-	46	14	15	0.39	7.30
C	10	10	26	25	8	21	0.35	10.00
D	2	17	-	48	14	19	0.30	7.30

Figure 7